

ABSTRACT OF THE DISCLOSURE

A washing machine has a washing machine casing, an outer tub disposed in the casing for containing wash water, an inner tub rotatably disposed in the outer tub for containing laundry, an induction motor for generating a rotational force, and a rotation transmission means for transmitting a rotational force of the induction motor to the inner tub with (1) a rotational speed lower than a rotational speed of the induction motor during in laundry washing and (2) a rotational speed identical to the rotational speed of the induction motor in dehydration operation. The rotation transmission means includes a planetary gear train, and a solenoid operated clutching device.